

## Ku-Band 1m Marine VSAT Product Specification



Model	VS100K
Reflector Diameter	105cm
Stabilization Platform	3-axis (plus Auto Skew)
Dimension (D x H)	138.5cm x 135cm
Weight	120kg
TX Frequency	13.75GHz ~ 14.5GHz
TX Gain	41.3dBi @ 14.25GHz
RX Frequency	10.7GHz ~ 12.75GHz
RX Gain	39.8dBi @ 11.75GHz
Polarization	Cross-Pol
Cross-Pol Isolation	> 33dB
Azimuth Range	Unlimited
Elevation Range	-10° ~ 110°
Cross-Level Range	±30°
Skew Control	Automatic, with Pre-set Offset Supported
Tracking Modes	Carrier Tracking, SNR Direct Tracking
Tracking Accuracy	0.2° RMS
BUC	6W, 8W, 16W, 40W
LNB	Universal LNB (LO 9.75 / 10.6 GHz)
Operation Temperature	-20°C ~ 55°C
Power Input	85V~264V AC
Modem Interface	Ethernet, OpenAMIP
Modem Protocol	iDirect, Newtec, Gilat, THISS
Ingress Protection Rating	IP56
Wind	80kn Operational, 110kn Survival